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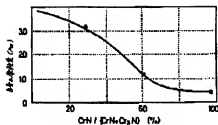
(54) PISTON RING OF INTERNAL-COMBUSTION ENGINE

(57) Abstract:

PURPOSE: To provide a piston ring for internal combustion engine which can stabilize/enhance the anti-abrasiveness of the piston ring slide surface.

CONSTITUTION: A piston ring of an internal combustion engine has a slide surface lined with an anti-abrasive film, which is composed of dichromium mononitride and chromium nitride, the latter content ranging between 60% and 100%, and whose surface roughness lies below 0.12 Ra.

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重量比は、CrN:Cr₂N=60:40から100:0まで